

# Converting Colors

HunterLab(73.7950, -24.3911,  
43.6079)

Have a look what the booklet for  
HunterLab(73.7950, -24.3911,  
43.6079) contains.

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# Color

**HunterLab(73.6658,  
-24.3290, 43.5579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BECC25
RGB	190, 204, 37
RGB Percent	75%, 80%, 15%
CMY	0.2549, 0.2000, 0.8549
CMYK	0.07, 0.00, 0.82, 0.20
HSL	65°, 69%, 47%
HSV	65°, 82%, 80%
XYZ	43.1620, 54.2665, 9.9499
YIQ	180.7760, 45.2630, -54.9050

# Conversions

## Conversions Part 2

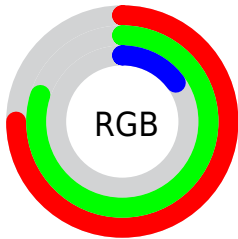
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 204, 51
Decimal	12504101
CIE <sub>Lab</sub>	78.62, -23.52, 73.05
CIE <sub>LCh</sub>	79, 76.739, 107.845
Yxy	54.2690, 0.4020, 0.5054
Android (android.graphics.Color)	4290694181 (0xFFBECC25)
YUV	180.7760, -70.8816, 8.0894
Hunter-Lab	73.6658, -24.3290, 43.5579

# Details

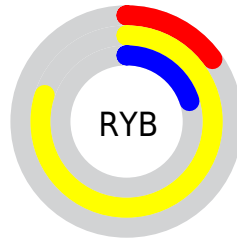
The HunterLab color **73.6658, -24.3290, 43.5579** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **25.2740, 47.0725, -117.6232**, and the grayscale version is **68.1578, -3.6367, 3.7031**.

A 20% lighter version of the original color is **96.3041, -25.0035, 51.6370**, and **51.6897, -19.9334, 31.5020** is the 20% darker color. If you saturate the color by 10%, you get **73.4545, -25.2611, 44.4049**, and if you desaturate by 10%, it is **73.9300, -23.1230, 42.0031**.

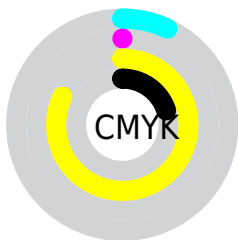
# Distribution



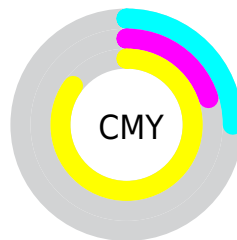
- Red (75%)
- Green (80%)
- Blue (15%)



- Red (15%)
- Yellow (80%)
- Blue (20%)



- Cyan (7%)
- Magenta (0%)
- Yellow (82%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.6658, -24.3290, 43.5579 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 73.6658, -24.3290, 43.5579 by changing the saturation by 10% instead.



73.6658, -24.3290,  
43.5579

73.6658, -24.3290,  
43.5579

200.7822,  
-40.0393, 81.2541

62.3031, -22.4828,  
38.6053

98.2187, -27.9261,  
52.8712

51.5919, -20.5850,  
33.4252

111.3489,  
-29.6880, 57.2760

41.5764, -18.6209,  
28.0290

125.0171,  
-31.4337, 61.5397

32.3088, -16.5653,  
22.6161

139.2028,  
-33.1673, 65.6791

23.8552, -14.3789,  
16.6986

153.8879,  
-34.8922, 69.7085

16.3032, -11.9952,  
11.4122

169.0559,

9.7769, -11.0337,

-36.6111, 73.6406

6.8438

184.6919,  
-38.3262, 77.4860

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.6658, -24.3290,  
43.5579

■ 73.6658, -24.3290,  
43.5579

■ 73.4545, -25.2611,  
44.4049

■ 73.9300, -23.1230,  
42.0031

■ 73.3075, -25.8691,  
44.7189

■ 74.2486, -21.6012,  
39.6464

■ 74.6283, -19.7405,  
36.4183

■ 75.0733, -17.5221,  
32.2662

■ 75.5870, -14.9328,

27.1519

■ 76.1720, -11.9647,  
21.0501

■ 76.8305, -8.6143,  
13.9471

■ 77.5639, -4.8820,  
5.8396

■ 78.3735, -0.7720,  
-3.2661

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6675, 11.5173, 44.0727



73.6658, -24.3290, 43.5579



73.6675, -49.2798, 36.3288

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6675, -24.3314, 43.5584



73.6675, -45.5568, -65.1096



73.6675, 78.4989, -11.5678

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.6658, -24.3290, 43.5579



25.2740, 47.0725, -117.6232

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6675, 56.0014, -56.7497



73.6658, -24.3290, 43.5579



73.6675, -18.2095, -96.3939

# Square

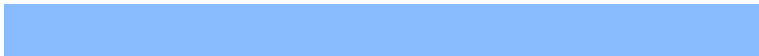
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6675, -24.3314, 43.5584



73.6675, -59.7813, -19.6629



73.6675, 18.9552, -92.7500



73.6675, 75.9689, 21.7537



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6658, -24.3290, 43.5579



73.6675, -58.5510, 25.0953



73.6675, 18.9552, -92.7500



73.6675, 73.4556, -26.0554

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.6675, -24.3314, 43.5584



97.7510, -16.7766, 29.9559



39.1572, 51.9024, 22.3859



45.1005, -8.3886, 15.1467

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6675, -24.3314, 43.5584



94.3560, -33.2039, 57.4684



68.1340, -46.0297, 39.6543



36.1206, -3.6260, 5.6491



58.1742, -20.4582, 35.4885



13.2677, -4.4413, 8.0978



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.2740, 47.0725, -117.6232



27.4793, 72.2972, -185.9299



32.8432, 59.1615, -81.8603



32.9973, 0.0693, -2.2526



16.8422, 45.1347, -115.4098



4.0282, 10.4125, -24.6382



# Previews

## White Background



This preview shows how the HunterLab color 73.6658, -24.3290, 43.5579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.6658, -24.3290, 43.5579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 73.6658, -24.3290, 43.5579 Background



This preview shows how black text looks on a background with the HunterLab color 73.6658, -24.3290, 43.5579.



This preview shows how white text looks on a background with the HunterLab color 73.6658,

-24.3290, 43.5579.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

73.6658, -24.3290, 43.5579

### Protanopia

73.6246, -10.0025, 43.9733

### Deuteranopia

73.2990, 5.6210, 43.0031



## Tritanopia

73.5337, 3.2113, -1.2024

# Trichromacy



## Original Color

73.6658, -24.3290, 43.5579

## Protanomaly

73.4298, -15.4417, 43.6929

## Deuteranomaly

73.0005, -5.9172, 42.9436

## Tritanomaly

72.9287, -9.8901, 23.3141

# Monochromacy



## Original Color

73.6658, -24.3290, 43.5579

## Achromatopsia

67.9762, -3.6270, 3.6933

## Achromatomaly

69.4050, -13.6278, 24.7864

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.6658, -24.3290, 43.5579 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 204, 37)` looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 37)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 204, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 37) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.6658, -24.3290, 43.5579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 204, 37) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 204, 37) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 204, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 37);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
37) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.6658, -24.3290, 43.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 37) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
204, 37) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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